



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
INTERNATIONAL 06 IH
Component
Diesel Engine
Fluid
GENERIC WITH NT (--- QTS)

RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

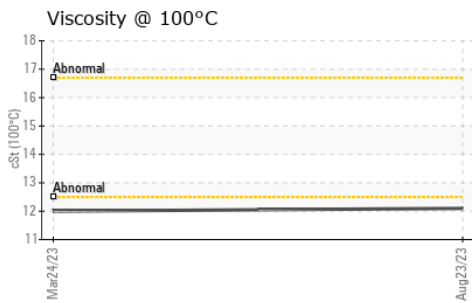
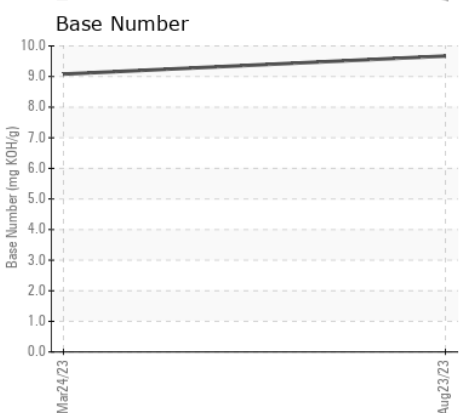
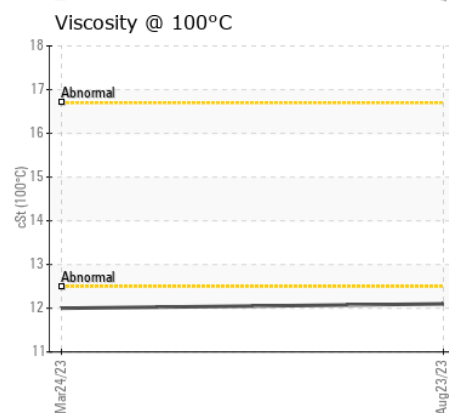
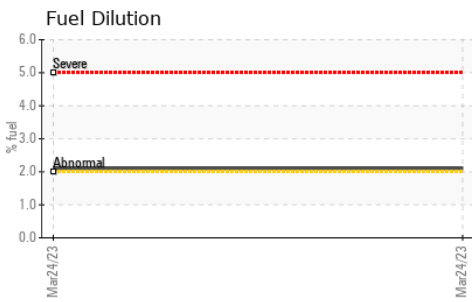
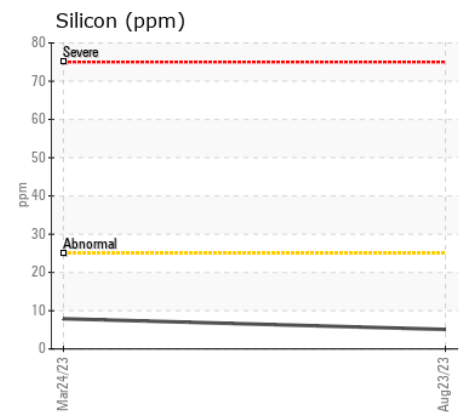
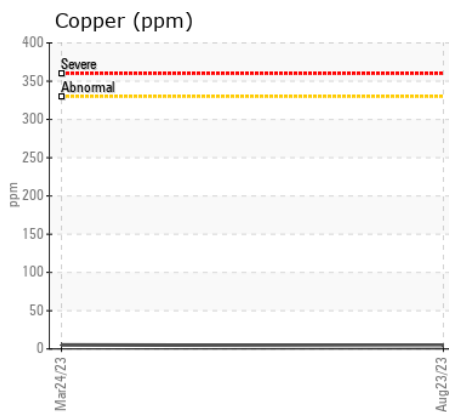
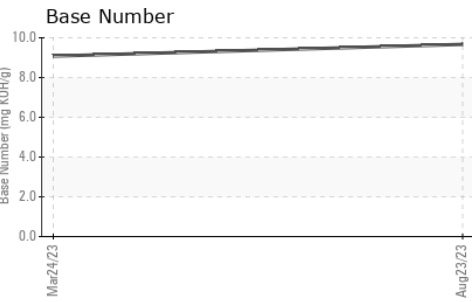
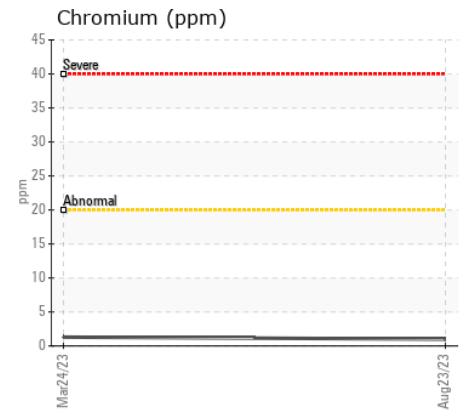
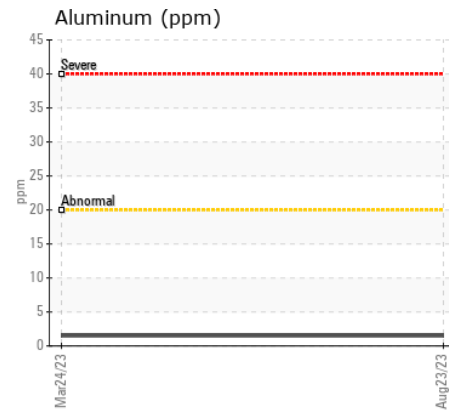
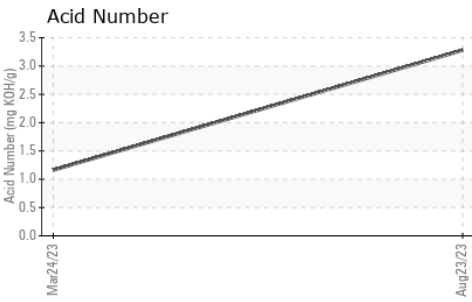
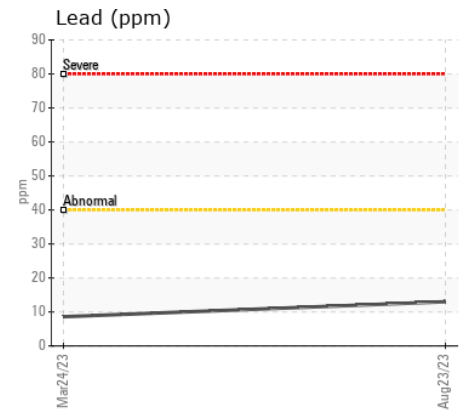
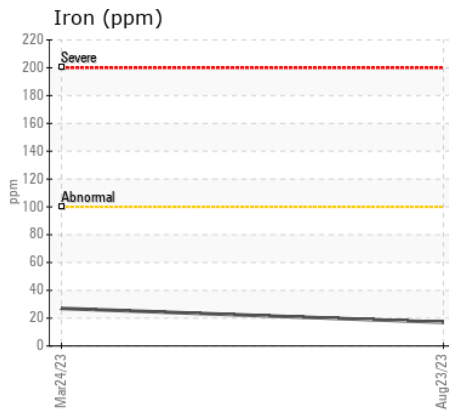
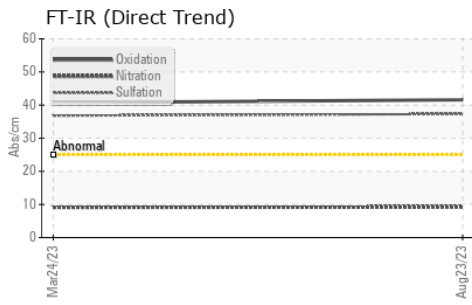
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0676260	WC0676349	---
Sample Date		Client Info		23 Aug 2023	24 Mar 2023	---
Machine Age	mls	Client Info		170000	160000	---
Oil Age	mls	Client Info		11000	14000	---
Filter Age	mls	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ATTENTION	---
Iron	ppm	ASTM D5185m	>100	17	27	---
Chromium	ppm	ASTM D5185m	>20	1	1	---
Nickel	ppm	ASTM D5185m	>4	0	<1	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>3	0	<1	---
Aluminum	ppm	ASTM D5185m	>20	2	2	---
Lead	ppm	ASTM D5185m	>40	13	9	---
Copper	ppm	ASTM D5185m	>330	4	5	---
Tin	ppm	ASTM D5185m	>15	<1	1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>25	5	8	---
Potassium	ppm	ASTM D5185m	>20	5	1	---
Fuel	%	ASTM D3524	>2.0	<1.0	▲ 2.1	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	*ASTM D7844	>3	0.5	0.6	---
Nitration	Abs/cm	*ASTM D7624	>20	9.2	9.1	---
Sulfation	Abs/.1mm	*ASTM D7415	>30	37.3	36.8	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		11	4	---
Boron	ppm	ASTM D5185m		14	5	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		69	52	---
Manganese	ppm	ASTM D5185m		<1	1	---
Magnesium	ppm	ASTM D5185m		610	712	---
Calcium	ppm	ASTM D5185m		1527	1282	---
Phosphorus	ppm	ASTM D5185m		1063	996	---
Zinc	ppm	ASTM D5185m		1259	1187	---
Sulfur	ppm	ASTM D5185m		4011	3726	---
Oxidation	Abs/.1mm	*ASTM D7414	>25	41.6	40.7	---
Acid Number (AN)	mg KOH/g	ASTM D8045		3.278	1.16	---
Base Number (BN)	mg KOH/g	ASTM D2896		9.67	9.08	---
Visc @ 100°C	cSt	ASTM D445		12.1	● 12.0	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0676260 **Received** : 05 Sep 2023
Lab Number : 05942404 **Tested** : 06 Sep 2023
Unique Number : 10633016 **Diagnosed** : 07 Sep 2023 - Sean Felton
Test Package : MOB 2 (Additional Tests: FuelDilution)

GAP REPAIR SHOP
 994 GAP RD
 KINZERS, PA
 US 17535
 Contact: EMANUEL ZOOK
 jchapman959@gmail.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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 F: (717)442-9670